

**REPORT OF ACTIVITIES
OF THE
DEPARTMENT OF WATER RESOURCES**

By

**Gary B. Bardini, Chief,
Division of Flood Management
Department of Water Resources
California Natural Resources Agency
State of California***

*Presented before the Central Valley Flood Protection Board on August 26, 2010

FUNCTIONAL AREA 1 FLOOD EMERGENCY RESPONSE

The Flood Emergency Response functional area includes work to better prepare for, respond to, and recover from flood emergencies. A program for flood emergency response is a necessary part of flood management because California will always face flood emergencies, even when system improvements reduce the frequency of flooding. Program activities include inspection and assessment of flood projects' integrity; reservoir operations and river forecasting; flood data collection, management, and dissemination; precipitation and runoff forecasting; Delta flood preparedness, response, and recovery; and statewide flood emergency response functions.

REAL-TIME FLOOD CONDITIONS, STATUS, & WARNING

The purpose of the Real Time Flood Conditions, Status, and Warning element is to provide information needed to manage floods as they are occurring. This element supports flood operations by 1) inspecting, documenting, and assessing the integrity of the Sacramento and San Joaquin Flood Control Project levees, 2) storing and managing information so that it is accessible to flood managers and the general public, 3) providing emergency flood information and warnings based upon existing and forecasted conditions and field reports, and 4) developing information management tools to support emergency operations.

Spring Inspections: The spring inspection conducted by the Flood Project Integrity and Inspection Branch is complete and LMA's have received inspection reports. Channel and structure inspections are in progress and reports will be sent to LMA's as they are finalized. The section is continuing to inspect encroachment permits approved by the Board. The branch is continuing the coordination efforts with the Board on periodic inspections (PI) managed by USACE. The branch disseminated Final Draft PI reports to LMAs and returned responses to USACE. The branch is currently developing a plan to improve levee inspection activities and to implement the July 27th directive from the USACE requesting the use of a flowchart in conducting levee inspections. Meeting/workshops are being set up to inform LMAs of the proposed DWR inspection changes. Additionally, as requested in California's Central Valley Flood System Improvement Framework document, the Branch is collaborating with other offices to submit Progress Report No. 2 to the USACE.

Local Agency Annual Report: In accordance with Water Code §9141 (AB156), the Local Agency Annual Report 2008 and Local Agency Annual Report 2009, on CD instead of hard copy, has been mailed to 49 public libraries within and adjacent to the Local Agency jurisdictions.

CLIMATE DATA COLLECTION & PRECIPITATION/RUNOFF FORECASTING

This Element supports Flood Emergency Response by providing information on current and forecasted water conditions, and by providing meteorological and climate information. Additionally, this Element includes evaluating and improving the data collection and exchange network and forecasting models, providing water supply and watershed runoff information and forecasting, and the development of a new generation of forecasting and data collection tools to improve the quality, timeliness,

and length of watershed and river forecasts. Real-time data, its timely availability, and quantities and quality are all critical to improving forecasting quality and timeliness.

Water Conditions: As of July 31, 2010, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 90 percent of average to date; and reservoir storage, 105 percent of average for the date. Sacramento River unimpaired runoff observed through July 31, 2010 was about 15.2 million acre-feet (MAF), which is about 85 percent of average. For comparison, on July 31, 2009, the observed Sacramento River unimpaired runoff through that date was about 12.4 MAF, or about 69 percent of average.

In general, July was a continuation of this year's cool spring and summer. On August 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 53.0 inches, which is about 108 percent of the seasonal average to date and about 106 percent of an average water year (50 inches). During July, the precipitation total for the 8-Stations was 0.07 inches, or about 35 percent of average. Last year on August 1, the seasonal total for the 8-Stations to date was 46.5 inches, or about 95 percent of the seasonal average to date.

Selected Cities Precipitation Accumulation as of 7/31/2010 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2010 - 2010 (in inches)	% Avg	Jul 1 to Date 2009 - 2009 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2010 - 2011
Eureka	0.04	0	0.06	0	0
Redding	0.00	0	0.00	0	0
Sacramento	0.00	0	0.00	0	0
San Francisco	0.00	0	0.00	0	0
Fresno	0.00	0	0.00	0	0
Bakersfield	0.00	0	0.00	0	0
Los Angeles	0.00	0	0.00	0	0
San Diego	0.02	0	0.00	0	0

Key Reservoir Storage (1,000 AF) as of 7/31/2010								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,734	1,992	87	2,448	71	---	714
Shasta Lake	Sacramento	3,841	3,322	116	4,552	84	-711	711
Lake Oroville	Feather	2,408	2,638	91	3,538	68	-1,130	1,130
New Bullards Bar Res	Yuba	784	752	104	966	81	-182	182
Folsom Lake	American	754	709	106	977	77	-223	223
New Melones Res	Stanislaus	1,372	1,454	94	2,420	57	-1,048	1,048
Don Pedro Res	Tuolumne	1,904	1,537	124	2,030	94	-126	126
Lake McClure	Merced	888	681	130	1,025	87	-137	137
Millerton Lake	San Joaquin	424	326	130	520	82	-97	96
Pine Flat Res	Kings	712	519	137	1,000	71	-288	288
Isabella	Kern	294	269	109	568	52	-274	274
San Luis Res	(Offstream)	904	1,037	87	2,039	44	---	1,135

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month weather precipitation outlook for August 2010, issued July 31, 2010, suggests no tendency for above or below average rainfall for most of Northern California and below average rainfall for most of Southern California.

Information on current conditions can be accessed through the California Data Exchange Center (CDEC) at the following locations:

- Reservoirs: <http://cdec.water.ca.gov/reservoir.html>
- Individual Reservoirs: http://cdec.water.ca.gov/reservoir_map.html
- Precipitation: http://cdec.water.ca.gov/snow_rain.html
- Snow: <http://cdec.water.ca.gov/snow/current/snow/>

Snow Surveys and Snow Course Maintenance: The Snow Surveys section continues to document snow course and snow pillow maintenance issues based on information provided by cooperators via email or phone as well as within the snow notes collected throughout the season. The majority of the 260 snow courses have maintenance issues, and a plan has been developed to address issues at the most critical locations as soon as possible but travel restrictions resulting from the delayed budget have impacted this effort. Meanwhile, staff met with cooperators in the Tuolumne, Merced, and Stanislaus watersheds to discuss prioritizing courses to be measured in forth coming years in the event that budget constraints, and/or prohibitive environmental or weather conditions preclude measurement of all courses.

Hydrologic Data Management: The Snow Surveys section continues to collect, review, QC, and enter Full Natural Flow (FNF), precipitation, snow, and reservoir storage data for thousands of locations statewide on a daily basis. With this data staff continues to issue daily, monthly, and seasonal water condition reports on CDEC.

Bulletin 120 and Water Supply Index Forecasts: The Snow Surveys Section continued to issue water supply forecasts into the last week of June. Staff provided additional forecast guidance well into July upon request. This guidance included continuing Water Year (WY) breakouts of seasonal and WY forecasts for a variety of cooperating agencies. Staff continued to issue specialized forecasts to the Department's Division of Operation and Maintenance for Lake Davis and Frenchman Lake inflows. Staff also continued to support the State Water Contractors monthly allocation meetings by providing hydrology, climate, and meteorology updates.

RESERVOIR OPERATIONS & RIVER FORECASTING

This element supports Flood Emergency Response through a coordinated effort with various agencies' operating reservoirs in the system to enhance reservoir operations. The goal of coordinated operation of the reservoirs will be to reduce peak flood flows downstream of the reservoirs. Additionally, this Element supports Flood Emergency Response through river forecasting activities conducted in coordination with the National Weather Service River Forecast Center located at the Joint Operations Center in Sacramento. By conducting real-time and long-range hydrologic and

watershed analyses, this Element provides accurate and timely runoff and river peak flow forecasts.

Reservoir Forecast Coordinated Operations (F-CO): On August 10th, 2010, Yuba/Feather F-CO program partners participated in a hands-on workshop at the Flood Operations Center. Participants tested the functionality of new decision support tools and practiced coordinating reservoir releases and responding to a variety of hydrologic scenarios using the new graphical user interface applications. A follow on table top exercise is scheduled for September 2010.

FLOOD OPERATIONS EMERGENCY RESPONSE

This element includes all preparation and planning to execute flood fights, deploy teams, provide training, and coordinate local response needs and federal assistance in the event of a flood. This includes maintaining the readiness of the Flood Operations Center and all the staff that may have to staff it in the event of an emergency and assuring local response efforts can be integrated into the State response system.

Delta Flood Preparedness, Response, and Recovery Project: DWR and the USACE (Corps) are actively engaged in creating another Memorandum of Agreement between the two agencies. This new agreement seeks to expand on our recently completed agreement and further define each agencies role for emergency response in the Delta as well as provide new tools for that response. In concert with DWR's Delta specific response plan the Corps may seek to develop its own Delta specific emergency plan that will work in concert with its existing plans for other regions of the nation. This work will be part of the Multi-Agency response and planning integration effort between DWR and the Corps.

The USACE (Corps) and its contractor along with DWR staff will hold an initial meeting on August 10th to begin their contingency mapping project. This project is an element of the previous MOA signed between the Corps and DWR. These maps are intended to function as operational maps that can be used by DWR, the Corps, Operational Areas, and Reclamation Districts during a flood emergency.

Local Agency Flood Emergency Preparedness and Response: DWR, in collaboration with one of its contractors, has been assisting three California communities to develop or enhance their existing flood emergency preparedness, response plans. The communities are the cities of San Bernardino, Arcata, and Marysville. These enhanced flood response plans are meant to be an annex to the communities' Emergency Operations Plan and serve as an example for other California communities facing similar flood hazards.

DWR completed its initial review of the plans and transmitted its comments to the contractor. The contractor incorporated these comments and presented a draft of one of its flood emergency preparedness and response plans to the City of Marysville. Presentations to the cities of San Bernardino and Arcata will occur in the future.

EMERGENCY RESPONSE - RELATED ELEMENTS

This element includes various efforts that will further the Departments understanding of the flood system interactions with water supply systems and conjunctive use programs. It also includes the update of the Central Valley hydrology for use in risk assessment and project development. Another component includes developing a comprehensive plan to response to flood events in the Delta.

No new information

FUNCTIONAL AREA 2 OPERATIONS AND MAINTENANCE

Operations and Maintenance is a functional area under FloodSAFE established to ensure project facilities are operated and maintained in good working condition to function as designed. Although Operation and Maintenance has been a long-standing base program within DWR, FloodSAFE has expanded the program and provided additional funding. Historically, Operation and Maintenance projects were undertaken based on a backlog of deferred maintenance. Now, in addition to continuing to work on deferred maintenance, new projects are identified through a number of inspection programs. Operation and maintenance must continue indefinitely into the future, even after the FloodSAFE functional objectives have been achieved although the needs are expected to change over time as system upgrades and modifications are implemented.

CHANNEL MAINTENANCE

DWR is responsible for maintaining channel flow capacity for Sacramento River Flood Control Project channels and for performing channel-specific maintenance activities identified in the USACE Operations and Maintenance Manuals, including channel clearance if required to maintain design flow capacity. Channel Maintenance consists of inspection and evaluation, routine operations and maintenance, and implementation of corridor management projects.

- Channel clearing and vegetation control is continuing using hand crews and clean-up of debris and downed vegetation is on-going

FLOOD FACILITIES OPERATION AND MAINTENANCE

DWR operates, maintains, and repairs or replaces flood control structures located throughout the Sacramento River Flood Protection Project to ensure readiness in the event of emergencies and that facilities function as designed. Actions include inspection and evaluation, routine operation and maintenance, and non-routine maintenance. Facilities include pumping plants that transfer runoff and excess water from the land-side of levees in the flood system to flood channels; bridges providing access over and to flood facilities; flow gages; and water control structures such as weirs.

- The construction contractor for the Sutter Bypass East Borrow Canal Water Control Structures Project (Willow Slough Weir Fish Ladder and Culverts Replacement) has completed installation of all cofferdams and started dewatering operations. Construction is expected to resume after August 15 in accordance with permit requirement for 15 days monitoring period after the site has been dewatered. Excavation and removal of the existing culverts and fish ladder is expected to continue until the end of August, followed by form work for the new water control structure.
- Construction contracts for replacement of Sutter Bypass East Borrow Canal Weir 2 and modernization of Sutter Bypass Pumping Plants 1, 2, and 3 has been delayed but projects are expected to be advertised by the end of the fiscal year.

- Continued maintenance and debris removal activities are occurring at the Knights Landing Outfall Gates and the Butte Slough Outfall Gates.
- Work is progressing to complete the Feasibility Study for the remediation of the soil and groundwater contamination at the former underground storage tank site at Sacramento Maintenance Yard. The installation of additional groundwater monitoring wells and soil borings is planned for completion prior to the end of the fiscal year.

LEVEE MAINTENANCE

This element maintains levees and roads under DWR jurisdiction (State-maintained Maintenance Areas and bypasses) in accordance with USACE Operations and Maintenance Manuals. Annually, after high water recedes, levees are evaluated and repairs are made as necessary. Routine and extraordinary maintenance are also performed as necessary to meet maintenance assurances provided to the federal government.

- A contract to gravel approximately 50 miles of levee crown roadway in the Sacramento Yard jurisdiction has been awarded and the notice to begin work is anticipated to be issued on August 16, 2010.
- On-going activities include: mowing of levee slopes, grading and compacting of crown roadways, tree maintenance, spot spraying, fireguarding, replacing/repairing gates, vegetation control, and rodent control.

ENVIRONMENTAL INITIATIVES

DWR is responsible for planning projects in a way that avoids or minimizes environmental impacts, and for obtaining state and federal environmental permits and clearances for projects within the Operations and Maintenance Functional Area. Environmental Initiatives touches all aspects of this functional area and therefore is considered a close partner to the other maintenance elements and their activities. As such, it should be considered a part of each of the other major elements rather than a stand-alone element. Also, with DWR's established open collaborative process, various local, state, and federal agencies examine issues and develop integrated solutions to the complex environmental compliance requirements and resource opportunities as flood control maintenance activities are undertaken. Components include developing and managing environmental programs, and managing mitigation requirements for lands and habitats developed or acquired by the Department to mitigate for flood management maintenance and improvement projects.

- No new information

LEEVE REPAIRS

The Levee Repairs Program repairs critically damaged levees and proactively repairs other damaged levees that cannot wait for system improvement projects and require rapid repair before the next flood season. Levee repair projects are implemented through collaboration with federal and state resource agencies, USACE, and local agencies. Levee repairs are done under three federal authorized programs; Sacramento River Bank Protection Project (SRBPP), Levee Stability Program (LSP), and PL84-99 Rehabilitation Assistance Program (PL84-99). In addition, the State repairs flood project levees under the Sacramento-San Joaquin Erosion Repairs Project (SSJERP).

- DWR Real Estate construction easement certification for the City of West Sacramento setback levee at the Sacramento River Mile 57.2 site was completed on August 9, 2010. The bidding award process for selecting a contract for construction is in progress.
- Engineering and landscape designs for a critical erosion site on the San Joaquin River at River Mile 71.5 in Reclamation District 2064 are 95% complete.
- Notice of Determination for the Mitigated Negative Declaration for seepage repairs to a critical seepage site at San Joaquin River Mile 42.3 in Reclamation District 404 has been filed with the State Clearing House.

FUNCTIONAL AREA 3 FLOODPLAIN RISK MANAGEMENT

The primary purpose of Floodplain Risk Management is to reduce loss of life and property caused by floods and to restore the natural resources and beneficial functions of floodplains by providing comprehensive guidance and technical support and assessing the floodplain management needs and issues of California communities in order to promote a comprehensive and system-wide flood management strategy.

FLOODPLAIN MANAGEMENT TECHNICAL SUPPORT

Floodplain Management Technical Support provides statewide technical support to federal, state and local agencies, and the public for flood hazard maps, levee data and National Flood Insurance Program (NFIP) activities, including the Community Rating System (CRS).

- The National Flood Insurance Program (NFIP) Community Assistance Program received grants funds in the amount of \$430,068 as part of an annual 75/25 cost-shared agreement with the Federal Emergency Management Agency (FEMA). The grant requires DWR to conduct audits with communities participating in the NFIP and provide training to community officials.
- The CAP program conducted three Community Assistance Visits with the Cities of Elk Grove, Shasta Lake and Galt, completed four Community Assistance Visit Reports for the cities of Pismo Beach, Grover Beach, Isleton, and Lindsay, and conducted two Flood Insurance Training meetings in Los Angeles for insurance agents/lenders and local community officials.
- DWR will co-sponsor a FEMA Watershed University event in Redding, CA.
- Over 100 attendees from California and Nevada will participate in the Watershed University class on September 15-16 where DWR will present material on FloodSAFE and the National Flood Insurance Program.
- Phase 2 of the Community Rating System continues to be implemented and a draft California-based CRS Quick Check screening tool is being developed to help communities interested in joining the CRS program. A draft CRS program brochure, aimed at California elected officials and decision makers, is being developed and templates that participating communities can tailor for public information credit are being prepared.

FLOODPLAIN EVALUATION AND DELINEATION

Floodplain Evaluation and Delineation works to estimate the frequency, depth, and limits of potential flooding throughout the state providing building blocks in terms of floodplain assessments, standards, methodologies, tools, and analyses supporting multiple applications including FloodSAFE programs and projects and FEMA's National Flood Insurance Program.

The CVFED program has approved LiDAR data that CH2M Hill recaptured for the Upper Sacramento River region. CVFED staff was also able to extend the Letter of Agreement with the US Army Corps of Engineers.

FLOOD RISK NOTIFICATION

The Flood Risk Notification Element focuses on communicating flood risk to the public, and local, state and federal agencies to increase flood hazard awareness for areas protected by the State Plan of Flood Control.

- The Flood Risk Notice is ready to be printed and distributed.
- The Flood Risk Notification webpage has been developed and is ready for approval.
- The Levee Flood Protection Zone maps and the associated web-based viewer have been completed.

FLOOD RISK PLANNING

Flood Risk Planning is focused on incorporating flood risk management into statewide and local land use decision making to identify potential flood hazards and mitigation strategies to reduce flood risks through creating planning approaches and data sets that help agencies, communities, and individuals make better informed decisions.

- The Building Code team conducted workshops in August and September to the Educational and Residential (multi-family) Occupancies. Workshop attendees provided feedback to the Building Code team who will refine the draft code in late September.
- The public review period for the draft *Implementing California Flood Legislation into Local Land Use Planning: A Handbook for Local Communities* has been completed and the team continues to present Handbook material to groups and incorporate comments. The final version of the Handbook is expected to be released early October 2010.
- The Alluvial Fan Task Force has completed its work and transmitted two reports (*Alluvial Fan Task Force Findings and Recommendations Report* and *Integrated Approach for Sustainable Development on Alluvial Fans*) to DWR Director Cowin. The Task Force will be sending these reports to the legislature in accordance with AB 2141 legislation.

FUNCTIONAL AREA 4 FLOOD PROJECTS & GRANTS

Flood Protection Projects and Grants is responsible for the State's input to project selection and funding. The program is responsible for the majority of physical improvements to the flood management system and provides grant money in the Delta and Statewide. Flood Protection Projects and Projects Grants has been a long-standing DWR base program and is expected to continue indefinitely into the future due to the ongoing need for system improvements and the long-lead time to implement federal flood control projects. The work is based on the acknowledgement that the State will continue to be a significant partner in viable flood management projects in the Central Valley, Delta, and Statewide.

CENTRAL VALLEY FLOOD PROJECTS

This element is responsible for the review of flood projects and cost-sharing on federal feasibility studies. It contains three components: Feasibility Studies, Early Implementation Program (EIP) Projects, and Flood Control Projects.

USACE/CVFPB FEASIBILITY STUDIES

The State participates and provides cost-share for Feasibility Studies with USACE and local partners. Several studies are underway and new ones are expected in the near future.

American River Common Features GRR

The American River Watershed Common Features Project will provide flood improvements for lower American River downstream of the Folsom Dam, Sacramento River downstream of Natomas Cross Canal, and the Natomas Cross Canal to a 200-year level of flood protection.

- SAFCA and the State are pursuing a letter of intent stating non-federal interest in design and construction for the project described in the Post Authorization Change Report (PACR). Federal authorization of improvements described in the PACR will provide federal credits for work completed by the State and SAFCA through the Early Implementation Program (EIP). The PACR is scheduled to be completed and sent to the USACE's Headquarters August 31, 2010.
- The Letter of Intent is anticipated to be approved by the Central Valley Flood Protection Board (Board) at the August 26, 2010 Board meeting.
- The PACR includes strengthening of three sections of levees that were recently added to the federal project but were previously only included in the locally preferred project. The hydraulic modeling performed for the PACR did not demonstrate the needed for raising these levee sections; however, a more refined hydraulic model will be developed for the American River Common Features GRR and will re-evaluate the need for raising these sections.

Frazier Creek/Strathmore Creek Feasibility Study

The Frazier Creek/Strathmore Creek Feasibility Study will generate an Environmental Impact Study/Environmental Impact Report (EIS/EIR) and Feasibility Study to evaluate federal, State, and local interests in planning, designing, mitigating, and improving existing levee system of Frazier Creek/Strathmore Creek in Tulare County.

- No new information

Lower San Joaquin River Feasibility Study

Representatives from San Joaquin County, San Joaquin Area Flood Control Agency (SJAFCFA), the Board, USACE, and other local interests have worked together to prepare a Project Management Plan (PMP), a draft amendment to the Feasibility Cost-Sharing Agreement (FCSA), and a draft Local Feasibility Cost-Sharing Agreement (LFCSA). The cost estimate for the study is \$10.6 million with a project completion date of 2016.

- The FCSA amendment and LFCSA have been signed and are currently being processed by the DWR Contract Office and DGS.
- Scoping has been completed for a preliminary analysis of the metropolitan Stockton area including hydrology and hydraulics, geo-tech, economics, and planning. USACE is working on an updated schedule to include the preliminary analysis.
- Federal funding for FY11 in the amount of \$2 million was requested; however, the House only approved \$600,000 and the Senate \$500,000.

Merced County Steams Project-Bear Creek GRR

This project's purpose is to evaluate options to increase the level of flood protection from a 1-in-50-year event to 200-year event for the Merced Urban Area.

- No changes from last month.

Rock Creek/Keefer Slough Feasibility Study

The Rock Creek/Keefer Slough Feasibility Study will generate an EIS/EIR and Feasibility Study to evaluate federal, State, and local interests in planning, designing, mitigating, and improving existing levee system of White River and Deer Creek in Butte County.

- No new information

Sutter Basin Feasibility Study

This multipurpose Feasibility Study aims to address levee improvement measures for existing levee systems as well as environmental restoration and recreation opportunities.

- Amendment No. 1 to the FCSA, that will add the State as a non-federal sponsor and update project costs, is now being processed by the Contracts Office, as is Amendment No. 1 to the LFCSA that would update the existing LFCSA to match the amended FCSA.

West Sacramento GRR

The General Reevaluation Report (GRR) is being conducted to study future work necessary to provide a minimum of 200-year level of protection for the City of West Sacramento. WSAFCA and USACE continue to make progress on the project under the existing two-party agreement.

- An Agency Technical Review (ATR) will be held in September to review hydrology, hydraulics, geotechnical designs and address other technical issues.
- The FCSA amendment and LFCSA have been signed and are currently being processed by the DWR Contract Office and DGS.

West Stanislaus County - Orestimba Creek Feasibility Study

The Orestimba Creek Feasibility Study will evaluate feasible flood protection alternatives for the City of Newman and the surrounding agricultural areas to achieve a 200-year level of flood protection.

- Local funds toward the Study have been exhausted and additional State funds are needed to continue the Study. Federal matched funds will not be available until additional non-federal contribution is made. The State is anticipating additional State funds to be available mid-September 2010.
- The Board approved an additional \$445,000 on July 23, 2010, increasing the State's total contribution toward the Study to \$770,000. The additional State contribution will fund the remaining non-federal costs to the Study's completion scheduled in July 2011.

White River/Deer Creek Feasibility Study

The White River/Deer Creek Feasibility Study will generate an EIS/EIR and Feasibility Study to evaluate federal, State, and local interests in planning, designing, mitigating, and improving existing levee system of White River and Deer Creek in Tulare County.

- No new information

Woodland/Lower Cache Creek Feasibility Study

USACE will develop alternatives for a new Feasibility Study to determine if there is a National Economic Development (NED) plan that is federally justified and fits in the State Plan of Flood Control. The Study will continue efforts suspended in 2004 after local resistance to the USACE-selected Flood Barrier Option alternative. USACE estimates that the new Feasibility Study will be complete in 2017 with design of a selected alternative to commence in 2017.

- USACE issued an FCSA for review.
- USACE requested a Letter of Intent from the Board to participate in the FCSA, which is on the August Board Meeting Agenda.
- FCSA and LFCSA are on schedule to be on the September Board Meeting Agenda.

Yuba River Basin Project GRR

The Yuba River Basin Project consists of increasing the level of flood protection in the Yuba River Basin communities of Marysville, Linda, Olivehurst, and Arboga.

- Design Agreement Amendment that included separable element and removal of termination date was approved.

EARLY IMPLEMENTATION PROGRAM (EIP) PROJECTS

EIP includes projects that are ready to proceed in advance of the CVFPP. An element of approval for these projects ensures that they do not eliminate opportunities or prejudice the flood risk reduction alternatives that would provide regional or system-wide benefits.

Reclamation District 2103 - Bear River Levee Improvement (RD-2103)

- Staff is working on project closeout. Amendment No. 2 was approved by DGS on July 15, 2010 to extend the term of the Agreement for one year.

Levee District 1 - Setback Levee at Starbend Feather River (LD-1)

- Staff is working on project closeout. Amendment No. 1 was approved by DGS on July 13, 2010 to extend the term of the Agreement for two years.
- The O&MRRR Agreement for the LD-1 Setback Levee was presented to the Board on June 25th. The Board has deferred the Agreement approval to a subsequent Board meeting. Board staff continues its efforts to provide additional details on environmental mitigation and monitoring obligations that LD-1 must agree to.

Reclamation District 17 - 100-Year Seepage Area Project (RD-17)

- Seepage was observed in the Contractor's open trench excavated during construction of a seepage berm. Construction Management, Board, and DWR staff conferred with RD-17's civil engineer and sub-contractors to address the issue. A follow-up meeting has been scheduled to verify the design basis.

Three Rivers Levee Improvement Authority – Feather River (TRLIA-FR)

- The new setback levee has been completed. The old levee has been degraded and construction punch list items are being completed.

Three Rivers Levee Improvement Authority - Upper Yuba River (TRLIA-YR)

No changes since last report.

Sacramento Area Flood Control Agency - Natomas Cross Canal (SAFCA-NCC)

Amendment No. 1 was approved by DGS on July 15, 2010 to extend the term of the Agreement for two years.

Sacramento Area Flood Control Agency - Capital Outlay (SAFCA-CO)

- No new information

West Sacramento Area Flood Control Agency, Capital Outlay (WSAFCA-CO)

- Public review of the Draft EIS/EIR ended on August 2, 2010.
- The Board approved the request to seek USACE 104 credit and 408 permitting.

USACE/CVFPB PROJECTS

The State continues to participate with USACE on non-federal cost-share funding for projects to upgrade the State-federal flood management system in the Central Valley.

American River Common Features Project

The American River Common Features Project is improving the levee system along the American and Sacramento Rivers in Sacramento.

- The design for sites R-5, R-8, L-8, and L-12 are underway, and construction of these sites is planned for 2010 on an accelerated schedule due to available federal stimulus money. These repairs are commonly referred to as the WRDA 1996 Remaining Sites work.
- The contractor for sites R-8 and L-8 is Magnus Pacific. The sites R-8 and L-8 were presented and approved at the May Board meeting. The construction of sites R-8 and L-8 is underway and planned for completion in August 2010.

Folsom Dam Modifications (Joint Federal Project)

The Folsom Dam Modifications Project (Folsom Dam Joint Federal Project) provides Flood Damage Reduction and Dam Safety benefits to Sacramento.

- USACE received DWR 's (non-federal) payment of \$28.5 million that will enable construction of the new control structure to proceed.
- USACE is soliciting bids for consideration of the new contract structure. Contract award is expected during September.

Marysville Ring Levee Improvement Project

The Marysville Ring Levee Improvement Project is a separable element of the Authorized Yuba River Basin Project. Once completed, the residents within the levees surrounding the City of Marysville will be afforded a high level of protection significantly sooner than the overall Yuba River Basin Project.

- The bid protest for competitive bid has been removed; however, USACE is concerned the same contractor will submit another.
- The Project Partnership Agreement (PPA) and Local PPA have been executed. Phase 1 real estate has been certified and the bid process is moving toward bid opening, pending an outstanding addendum to the specs required to resolve the bid protest and to accommodate the Local Sponsor signing the Notice of Intent for National Pollutant Discharge Elimination System (NPDES) coverage with the State Water Resource Control Board.

Mid-Valley Area Levee Reconstruction Project

The Mid-Valley Reconstruction Project extends from the Tisdale Bypass to the Sacramento Bypass and includes levees on Sacramento River, Feather River, Yolo and Sutter Bypasses, and Knights Landing Ridge Cut.

- No new information

South Sacramento Streams Project

Staff has reviewed alternative designs for Morrison Creek where Union Pacific Railroad (UPRR) encroachment permit will be required. SAFCA, USACE, and DWR are preparing design documents and materials to present at a public meeting where public input will be sought regarding the alternatives. Time and date of meeting not set at this point.

West Sacramento Area Project, Slip Repair

Geotechnical analysis for the repair of two Yolo Bypass east bank levee slips is complete. The design for the north slip repair site is under way at USACE. Construction of the northern site repair is currently scheduled for the 2011 construction season.

- No new information

STATEWIDE FLOOD PROGRAMS

The Statewide Flood Programs provide financial support to local entities for flood and ecosystem restoration related projects throughout the State. These programs include Flood Control Subventions Program, Flood Corridor Program, Local Levee Assistance Program, and Yuba-Feather Flood Protection Program.

FLOOD CORRIDOR PROGRAM (FCP)

The Flood Corridor Program provides local assistance grants to local governments, special districts, and non-profit organizations for flood risk reduction projects using non-structural methods. Each project must also include an ecosystem restoration or agricultural land conservation component.

- Staff attended a series of Bond Management System (BMS) classes held in the Flood Operations Center. BMS is now operational. The FCP plans to release a Proposed Solicitation Package (PSP) late in the fall or early winter depending on when draft funding Guidelines are adopted.

Flood Control Subventions Program (FCSP)

The Flood Control Subventions Program provides financial assistance to local agencies cooperating in the construction of federally authorized flood control projects outside of Central Valley and State Plan of Flood Control.

- Program initiated discussion with the Sacramento District office of USACE to better manage the program and be able to verify local jurisdiction submittals.
- Staff is also gathering information on all of the changes needed to update existing program Guidelines.

Local Levee Assistance Program (LLAP)

LLAP provides financial assistance to local agencies to evaluate and perform urgent repair on their flood control facilities outside of Central Valley and State Plan of Flood Control.

- The Local Levee Evaluation (LOLE) Agreement for Marin County was executed by DWR. The first invoice from Marin County for \$75,838.95 was approved for payment.
- The LOLE Agreement for the City of Fairfield was executed by DWR.
- Draft article regarding the Cost-Sharing Formula Workshops (scheduled for September 13 and 14) was prepared for the August issue of FloodSAFE Focus.

YUBA-FEATHER FLOOD PROTECTION PROGRAM (YFFPP)

YFFPP provides Proposition 13 financial assistance to local entities demonstrating nonstructural flood management projects showing a potential significant reduction of peak flood flows, flood stage, flood risk (including wildlife habitat enhancement and/or agricultural land preservation) on the Yuba and Feather Rivers.

- Sutter County submitted a revised Work Plan (Exhibit C-1) for the Feasibility Study based on recent adjustments agreed upon with USACE. The total Funding Agreement remains unchanged at \$1.4 million.
- A Sutter County Agreement committing up to \$650,000 for reimbursement of local share is being processed for execution.
- Yuba County Water Agency's (YCWA) first invoice for the Forecast Coordinated Operations (FCO) Implementation Grant Agreement is being processed.
- Commenced review of all Prop. 13 Funding Agreements executed since 2000 to confirm project status and complete project closeout.
- A project closeout letter has been sent to YCWA for Proposition 13 Agreement No. 4600001434. Closeout will be finalized after submittal of the agency's final audit of the project.
- A project closeout letter was sent to Colusa Basin Drainage District (CBDD) for Proposition 13 Agreement No. 4600001454. Closeout will be finalized after receipt of the final project audit.
- YFFPP is in the process of reviewing 14 projects for closeout. The invoices, payments, and correspondence for three of these projects are currently under review and three others have had closeout letters sent to the respective agency.

PROGRAM SUPPORT

The program support function is designed to ensure the various programs and their projects receive sufficient technical and administrative support to be successful.

These support functions are Grant Guidelines, Environmental Services, Technical Assistance, and Federal Coordination.

GRANT GUIDELINES

EIP, FCP, LLAP, and FCSP are all in process of updating their program guidelines.

- The EIP staff is currently completing guideline revisions that will be released for management review/approval in August 2010. Final Guidelines and a PSP are anticipated to be released to the public in early September 2010.
- The FCP revised grant funding Guidelines were circulated for management review. Based on comments during the management review, changes will be incorporated and circulated for signatures.
- LLAP Guidelines are being revised. A new PSP will be posted in 2010 for about \$40 million in new grant/funding.
- YFFPP Guidelines for a new PSP is drafted and is pending final determination of available funds.

ENVIRONMENTAL SERVICES

FCP has a number of environmental resources that provide technical assistance to various FPO projects.

- American River Common Features - Guy West Bridge – An additional public meeting was held at the levee to acquaint area residents and students with alternate routes to pass through the area while avoiding the construction site.
- Staff assisted with water quality monitoring and fish rescue at the Willow Slough Weir construction site throughout the month.
- Staff monitored the Levee Instrumentation Pilot Study Phase 1B geotechnical field work and its effects on the nearby bank swallow colony. Effects from the work were slight, similar to the effects of boats passing by on the river.
- Staff reviewed WSAFCA EIS/EIR and coordinated preparation of a response letter describing the DWR's position on the USACE policy for vegetation removal on the levee, and requesting inclusion of an alternative that allows vegetation to remain in accordance with the California Levees Roundtable Framework Agreement.
- Public notification of the Supplemental Draft EA/EIR for the Folsom Dam Modifications project was published in the Sacramento Bee. Staff continued reviewing the document and began preparations to present the project for consideration by the Board.

TECHNICAL ASSISTANCE

LLAP has resources to provide technical assistance in flood modeling, GIS, and databases to various programs in FPO.

- As an invited party to promote understanding of flood management challenges in the Central Valley, technical support staff participated in meeting discussions regarding the updating of the 4th version Interim Levee Design Criteria which relates to CVFMP program.

DELTA FLOOD PROJECTS

This is a grants program that works with more than 60 reclamation districts in the Delta and Suisun Marsh to maintain and improve the flood control system and provide protection to public and private investments in the Delta including water supply, habitat, and wildlife. The program, through its two major components; Delta Levees Maintenance Subventions Program and Delta Levees Special Flood Control Projects, works with the local agencies to maintain, plan and complete levee rehabilitation projects. One of the requirements to qualify for available funds is the project to result in no net loss of habitat in the Delta. Additional responsibilities under the Bay-Delta Levees Branch are in support of the levee system and habitat development; improve the flood fight capability of the Delta through planning, cooperative efforts, encouraging the development of emergency response plans for each Delta island, and conduct studies and contract efforts necessary for program purposes.

Delta Levees Maintenance Subvention Program

DWR staff, on behalf of the Central Valley Flood Protection Board, initiates and manages work agreements to fund levee maintenance and rehabilitation. To date, the status of work agreements is as follows:

Work Agreements for FY 2008-2009

- Final payments for 57 out of the 62 final claims received have been sent to accounting to be made for a total of \$10.4 million in reimbursement.

Work Agreements for FY 2009-2010

- DWR and the Central Valley Flood Protection Board have fully executed a total of 66 fully executed work agreements. This is out of the 69 work agreements originally sent out to the local agencies for execution.
- The deadline to submit final claims is October 31, 2010, but a 30-day extension can be requested.

Work Agreements for FY 2010-2011

- DWR received applications from 68 local agencies.
- A table summarizing application amounts was emailed to the local agencies to insure their information was presented correctly and DWR plans to present this table to CVFPB when seeking the board's approval.
- At this time, DWR is planning to allocate \$15 million for the subventions program in FY 10-11.

Delta Levees Special Flood Control Projects

DWR staff initiates and manages work agreements to fund levee rehabilitation, habitat, or other projects.

- No significant changes from July 2010.
- More and current information can be found at:
<http://www.water.ca.gov/floodmgmt/dsmo/bdlb/spp/>

FUNCTIONAL AREA 5 EVALUATION & ENGINEERING

Evaluation & Engineering is a FloodSAFE Functional Area established to address assessments of existing flood management facilities to identify deficiencies and needed improvements. This is a new Functional Area that is expected to continue after the FloodSAFE foundational objectives are met. Functional Area activities are performed in partnership with the USACE, which prior to FloodSAFE, conducted most evaluations and engineering for existing facilities. This Functional Area is based on the acknowledgement that changing conditions, new knowledge about system performance, and eventual facility deterioration will demand continued evaluation and engineering services.

URBAN LEVEE EVALUATION (ULE)

DWR is required to evaluate the current level of performance of the State-federal flood protection system in the Central Valley. Urban levees are levees that provide protection to developed areas that with a population of at least 10,000 people. The evaluation of current urban levee performance is to include an estimate of the risk of levee failure, a discussion of the inspection and reviews performed, and recommendations regarding the levees and future work activities. The geotechnical engineering being performed will help flood managers understand the overall flood risks to populated areas in the Central Valley and consider alternative changes to the flood management system to better manage the risks.

ULE is evaluating 470 miles of urban levees for hidden defects. The 470 miles include State-Federal project levees as well as associated non-project levees that provide protection to urban areas receiving some protection from the State-Federal flood system. Urban levees are being evaluated to determine whether they meet defined geotechnical criteria and, where needed, identify remedial measures, including cost estimates, to meet the defined geotechnical criteria. The information being developed will be used in support of the Central Valley Flood Management Planning Program to inform development of two required documents: the Flood Control System Status Report and the Central Valley Flood Protection Plan.

Geotechnical Evaluation Reports			
Study Area	% Complete	Study Area	% Complete
Chico	10	NEMDC East	25
Marysville	40	Natomas	15
Sutter	35	Bear Creek	10
RD 784	40	Calaveras River	10
Davis	10	RD 404	10
Woodland	10	RD 17	40
American River	40	Stockton Non-Project	5
West Sacramento	85	W. Sac. Non-Project	4
Sacramento River	45	South Sac. Streams	3

- Urban Levee Evaluation are 73% complete

NON-URBAN LEVEE EVALUATION (NULE)

DWR is required to evaluate the current level of performance of the State-federal flood protection system in the Central Valley. Non-urban levees are levees that provide protection to agricultural areas and developed areas with a population of less than 10,000 people. The evaluation of current system performance is to include an estimate of the risk of levee failure, a discussion of the inspection and reviews performed, and recommendations regarding the levees and future work activities. The geotechnical engineering being performed will help flood managers understand the overall flood risks to populated areas in the Central Valley and consider alternative changes to the flood management system to better manage the risks.

NULE is evaluating 1,620 miles of non-urban levees for hidden defects. The non-urban levees being evaluated include State-Federal project levees and associated non-project levees that also provide protection to non-urban areas receiving some protection from the State-Federal flood protection system. Non-urban levees are being evaluated to determine whether they meet defined geotechnical criteria and, where needed, identify remedial measures, including cost estimates, to achieve the defined geotechnical criteria.

The information being developed will be used in support of the Central Valley Flood Management Planning Program to inform development of two required documents: the Flood Control System Status Report and the Central Valley Flood Protection Plan.

- Non-Urban Levee Evaluations are 30% complete.

TECHNICAL REVIEW

Geotechnical analyses are being conducting on behalf of the CVFPB on an “as-needed” basis and to support proposed and ongoing capital improvement projects. Collaboration with the USACE is occurring with on-going geotechnical studies, including review of associated documents that may impact the CVFPP.

- No new information.

TECHNICAL POLICY

A statewide seismic policy is being developed for levee performance, emergency levee remediation, and long-term levee remediation. Interim Levee Design Criteria are also being developed to guide local urban levee improvement projects. Research is being conducted to resolve gaps in knowledge associated with the effects that woody vegetation growing on or near levees has on levee integrity; and provide technical support for the development of vegetation management policies as part of the CVFPP.

- No new information.

FUNCTIONAL AREA 6 FLOOD MANAGEMENT PLANNING AND CONSERVATION STRATEGY

The Flood Management Planning and Conservation Strategy Functional Area refer to the planning and analysis necessary to evaluate flood systems as complete systems consistent with the intent of the FloodSAFE Implementation Plan rather than a set of individual, isolated projects. This functional area consists of three elements: Central Valley Flood Management Planning (CVFMP) Program, Statewide Integrated Flood Management Planning and Conservation Strategies.

CENTRAL VALLEY FLOOD MANAGEMENT PLANNING

The CVFMP Program is one of several programs being managed within FloodSAFE California. The CVFMP Program addresses most of the flood-related planning activities that were authorized by the Legislature during the 2007/2008 session within much of the Central Valley. The CVFMP Program consists of two primary projects – State Plan of Flood Control (SPFC) and the Central Valley Flood Protection Plan (CVFPP).

STATE PLAN OF FLOOD CONTROL (SPFC)

The SPFC includes two major deliverables: 1) SPFC Descriptive Document and 2) Flood Control Systems Status Report.

SPFC Descriptive Document – The SPFC Descriptive Document is an inventory and description of the State-federal flood protection system in the Central Valley.

- Responses to most comments made on the January draft of the SPFC Descriptive Document are complete and along with several remaining issues were coordinated with DWR functional area managers in June.
- Responses to all comments and completion of the SPFC Descriptive Document are scheduled for summer 2010.

Flood Control Systems Status Report (FCSSR) – The FCSSR will describe a number of factors associated with current status of the SPFC and make recommendations of future work activities.

- Work is progressing on developing revised text and graphic in response to comments received on the April administrative draft of the FCSSR.
- The internal review draft of the FCSSR was released for internal review on July 19, 2010 comments are due by August 5, 2010.
- The Public Review Draft is scheduled for October 2010.
- The Final FCSSR is scheduled for December 2010.

CENTRAL VALLEY FLOOD PROTECTION PLAN (CVFPP)

Planning Activities

- Phase 2 of the 2012 CVFPP is scheduled for completion in December 2010. This phase focuses on developing management actions that contribute to the goals and objectives identified in Phase 1.
- Phase 3 of the 2012 CVFPP began in May 2010. This phase focuses on developing regional solutions by identifying regional priorities and combining

retained Phase 2 management actions to address those priorities. The product delivery team is currently developing meeting materials and evaluation methods for use in the Phase 3 work groups.

- The Programmatic EIR (PEIR) for the CVFPP will include an Environmental Justice discussion consistent with the Resources Agency EJ Policy. A Notice of Preparation (NOP) for the PEIR is being drafted and reviewed internally.

Communication and Engagement

- Round 1 of Phase 2 Management Action Work Shops were completed in July 2010.
- Round 2 Phase 2 applications based Management Action Work Shops are scheduled to be held in August 2010.
- Meeting 2 of Phase 2 Regional Management Action Work Groups are scheduled to be held in September 2010.

STATEWIDE INTEGRATED FLOOD MANAGEMENT PLANNING

The Statewide Integrated Flood Management Planning Program will assess the flood risk to life and property statewide, and develop and guide the state's flood risk management strategic policies and investment decisions. The program will inventory existing and future flood management needs in the state's regions, identify opportunities for integrated flood management, and formulate potential flood management solutions. The major work product is a report titled "Recommendations for Improving and Sustaining Integrated Flood Management in California" (Recommendations Report). In addition, Statewide Flood Planning includes integration of flood-related information into the California Water Plan.

- Statewide Integrated Flood Management Planning is developing strategies for integrating flood management considerations into California Water Plan 2013 which will expand on the work begun in California Water Plan 2009.
- A consultant to assist Statewide Integrated Flood Management Planning program staff has been selected.

CONSERVATION STRATEGIES

The Conservation Strategies element is designed to provide support and integrate environmental stewardship into the CVFMP Program. Therefore, major progress, such as the status of key documents, progress on major milestones, and upcoming events, is described under the Central Valley Flood Management Planning section above.

- Staff coordinated a meeting of managers from several Delta planning efforts to improve shared understanding of each other's goals, plans, and status. Presentations were made by the Bay-Delta Conservation Plan, CalFED Ecosystem Restoration Program, and CVFPP, which helped provide all participants with a better context for current efforts. Additional meetings on other planning efforts and common issues are planned for the future.
- The interagency RAMP team reviewed and suggested improvements on draft documents related to long-term financing options, statewide approach, and a regional plan for the Central Sacramento Valley

- Staff participated in an annual USACE statewide meeting which brought together USACE staff from all California districts as well as invited partners from other agencies. Highlights from that meeting included information on State Water Resources Control Board's wetland and riparian policy and monitoring work, USACE proposals for coordinating multiple state and federal permitting processes, and informal updates on the CVFPP in response to questions.

FUNCTIONAL AREA 7 LEGISLATION, BUDGETS, AND COMMUNICATION

The primary goal of the Legislation, Budget, and Communication functional area is to facilitate legislation, budget, and communication matters to aid the efficient work of all functional areas in improving flood safety. This functional area will work to secure sustainable funding to implement the FloodSAFE initiative and to secure legislative support for all other functional areas that must continue indefinitely into the future. It is also responsible for coordination and public outreach consistency.

COMMUNICATION AND BRIEFING MATERIALS

While each functional area will conduct some of its own coordination and outreach on individual programs, the Communication element of area 7 provides assistance and support to ensure consistency. Communications and coordination take place internally, as well as externally with partner agencies on various aspects of the FloodSAFE program; including status updates, achievements and accomplishments, and upcoming milestones, with frequency ranging from weeks to years.

- Volume 1, Issue 3 of the *FloodSAFE Focus* newsletter was completed and placed on the FloodSAFE web page for electronic distribution to members of the FloodSAFE email distribution list. This month the newsletter focused on the Natomas levee improvements and State Plan of Flood Control Flood Risk Notification program.
- Media briefing announcements calling attention to the next round of Central Valley Flood Protection Plan public workshops were submitted to major media outlets in order to promote increased public participation at the workshops.
- Division of Flood Management Executive Team members met with a new History Channel production tentatively called *Operation Infrastructure* on August 4th to film two segments focusing on California's aging flood management infrastructure. The crew filmed DWR's levee evaluation drilling operations along the Sacramento River and the Sacramento Weir. The program is scheduled to air nation-wide in November 2010.
- DWR and CVFPB management met with USACE managers on July 28th in the quarterly DWR/CVFPB/USACE Delta leadership meeting. The purpose of the quarterly meeting is to improve coordination between the State and Federal government on all of the major initiatives that impact the Delta. The agencies agreed to hold a public "Delta Programs Coordination" workshop in early Oct. in which leadership from the California Resources Agency (including DWR and the Bay-Delta Conservation Plan), CVFPB, Delta Stewardship Council, US Army Corps of Engineers, and the US Bureau of Reclamation would meet together to address public concerns about how all of these major agencies are coordinating their Delta planning activities. DWR has taken the lead in planning and facilitating this workshop.
- The CA Natural Resources Secretary and members of the CA Natural Resources Agency and DWR Division of Flood Management met with members from the San Joaquin County Board of Supervisors, San Joaquin County Office of Emergency Services and Public Works, and business and agricultural interests to discuss the impacts of land use changes associated with the BDCP and CVFPP on August 6th.

- The FloodSAFE Communications Team will be taking the Delta Conservancy management on a tour of the Delta on September 1st to discuss flood management issues with the group in order to promote multi-objective integration in Delta Conservancy activities.
- Diplomats from Ethiopia will meet with DWR's flood emergency response operations leaders on September 1st to discuss California's flood preparedness and response. The diplomats are also meeting Cal-EMA leadership that same week as part of an effort to learn from California's emergency response experiences.

FUNDING ADVOCACY & AGENCIES' ALIGNMENT

Effective coordination between State, federal, and local agencies will be required at all stages from project concept through completion of construction. FloodSAFE implementation will not be possible without federal funding. Proposition 1E requires that the State secure the maximum feasible amounts of federal and local matching funds. This group will, in coordination with DWR Executive Office, serve as the primary State advocate for securing the necessary federal funding. Primary federal partners also include USACE and FEMA.

- The Federal Advocacy Program team is now planning a trip to Washington D. C. to meet with the Office of Management Budget (OMB), as well as Congressional and committee staffs. They will discuss the present FY 2011 funding that was approved by the House and Senate (and hopefully by the time of the meeting by the Conference Committee); and the need for particular funding levels for each of the cost shared Flood Control Projects for FY 2012. The need for the revised federal crediting rules to be in the next WRDA will also be discussed with various influential parties. This trip to Washington D. C. is being planned for early October 2010 and is being coordinated with the Central Valley Flood Protection Board.
- Managers from DWR and the CVFPB will be taking the President of the American Society of Civil Engineers and members of the professional society's Congressional lobby on a tour of the Lower Sacramento River flood control system and through the north and west Delta on August 17th to discuss the need for increased federal funding of water management projects.

LEGISLATION LIAISON & LEGAL

The Legislature is a key player in the implementation of the FloodSAFE initiative. Effective communication and reporting of plans and progress will aid the Legislature in funding flood management activities and with direction for future implementation. This element will also address legal issues that need to be resolved for progression of the FloodSAFE initiative.

- The CA Natural Resources Secretary and Chief of the Division of Flood Management briefed the Senate Select committee on Delta Sustainability on August 5th on the status of the Central Valley Flood Protection plan and accomplishments and expenditures to date associated with Delta initiatives related to the 2007 public safety and flood legislation package, which includes SB 5, SB17, AB5, AB70, AB156, and AB162.

PROGRAM MANAGEMENT, BUDGET, & FISCAL SERVICES

DWR is accountable for efficient management and expenditure of State funds. Preparing bond budgets and tracking of bond expenditures is essential to document investments of taxpayer dollars. This element provides overall management support to the other functional areas, including program management activities, strategic and implementation plans, detailed budget preparation, and contracts, funds and invoice tracking.

- The FY 2011-12 Capital Outlay and FloodSAFE Support Budget Change Proposals Package has been submitted to the Budget Office for approval.

FLOODSAFE PROGRAM ADMINISTRATION & COORDINATION SERVICES

This element includes all administrative and coordination work required for FloodSAFE implementation, including human resources activities, policy document review, and FloodSAFE governance activities, including managing working groups and coordination teams within DFM and DWR.

- No new information.